

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Application Lifecycle Framework 2.0

The Capstone Experience

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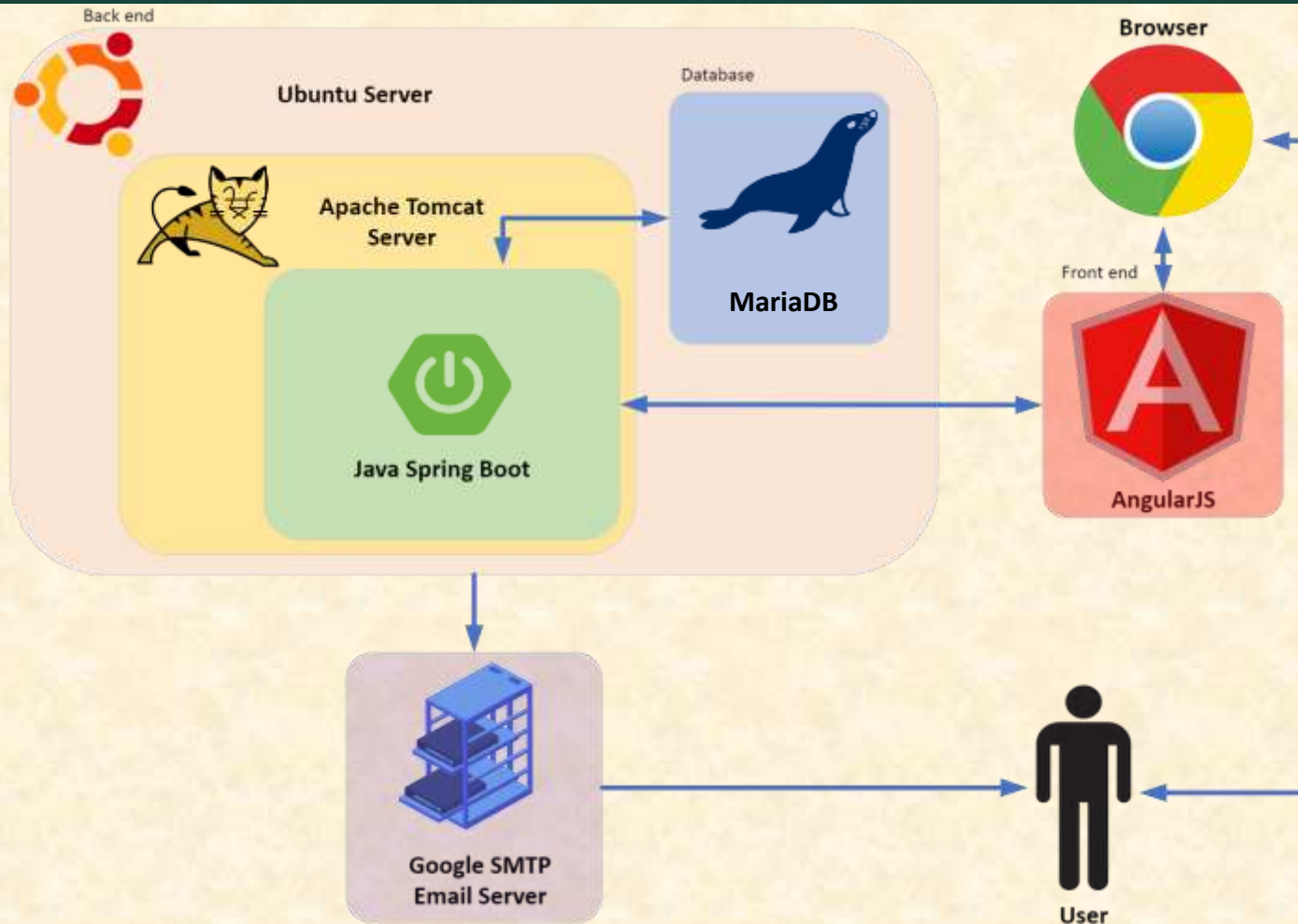
*From Students...
...to Professionals*

Project Overview

- One of the largest auto companies in the world
- Transitioning to focus on EVs and software
- Move to SharePoint Cloud will not work with previous software
- Needs new program to manage app distribution requests
- Our objective is to expand and finish this new software



System Architecture



Submit Request Page

GM Application Lifecycle Framework

Submit Request View Requests Engineer Tasks EWO Factory Log Site

Client Solutions Request Form (CSRF) High-level Overview

CSRF Request Submitted → Request Processed and Assigned → Request Engineered → Request Implemented

Register your app in the ASMS system and follow the big rule links

- Client Solutions Requirements (Engineering/Big Rules)
- Deviation Process
- Client Engineering Business Requirements Template
- ASMS Site
- Additional Horizon View Process Information

Removals Form CSRF Form GPO Form



View Requests Page

User Requests: Active Past All

Product Name	Type	Version	Date	Request Id	Status	Deployment Type	Priority	Actions
Rhapsody	Gpo	3	Tue Nov 07 2023	14	Not Started	Gpo	low	review
Rhapsody	Gpo	3	Tue Nov 07 2023	11	Not Started	Gpo	low	review
Asset Manager	CSRF	3	Mon Nov 06 2023	107421	Not Started	IT_STORE_ONLY	high	review
Asset Manager	CSRF	3	Mon Nov 06 2023	107420	Not Started	IT_STORE_ONLY	high	review
Reflection Desktop	CSRF	1.2.6	Mon Nov 06 2023	107423	Not Started	MANAGED_PILOT_PRODUCTION_DEPLOYMENT	mid	review
Asset Manager	CSRF	3	Mon Nov 06 2023	107419	Not Started	IT_STORE_ONLY	mid	review
Asset Manager	Removals	345	Mon Nov 06 2023	106453	Not Started	Removals	high	review
Gears	Removals	11.06	Mon Nov 06 2023	106452	Not Started	Removals	mid	review



Engineering Work Tasks

The screenshot displays the GM Application Lifecycle Framework interface. The browser address bar shows 'localhost:4200/engineer-tasks'. The navigation bar includes 'Submit Request', 'View Requests', 'Engineer Tasks' (highlighted), 'EWO Factory', and 'Log Site'. The main content area is titled 'Engineering Work Tasks:' and features a search bar 'Enter app name or ewo' and filter options 'Active', 'Past', and 'All'. Below this is a table with columns: ID, EWO, Sub App Name, Version, Distribution Mech, CSRF Link, Requirement Review, Engineering, Cross Testing, UAT/IAT, and Certification. The table lists several tasks with their respective details and action buttons.

ID	EWO	Sub App Name	Version	Distribution Mech	CSRF Link	Requirement Review	Engineering	Cross Testing	UAT/IAT	Certification
241			2.0	BigFix	107406	requirements review	engineering	cross testing	UAT/IAT	certification
244			2.0	SCCM	107411	requirements review	engineering	cross testing	UAT/IAT	certification
243			3	Jamf Pro	107409	requirements review	engineering	cross testing	UAT/IAT	certification
242			2.0	Jamf Pro	107407	requirements review	engineering	cross testing	UAT/IAT	certification
238			3	SCCM	107403	requirements review	engineering	cross testing	UAT/IAT	certification
239			3	BigFix	107403	requirements review	engineering	cross testing	UAT/IAT	certification
240			3	SCCM	107403	requirements review	engineering	cross testing	UAT/IAT	certification



Deployment Tasks

The screenshot displays a web application interface for managing deployment tasks. The top section shows a table with the following data:

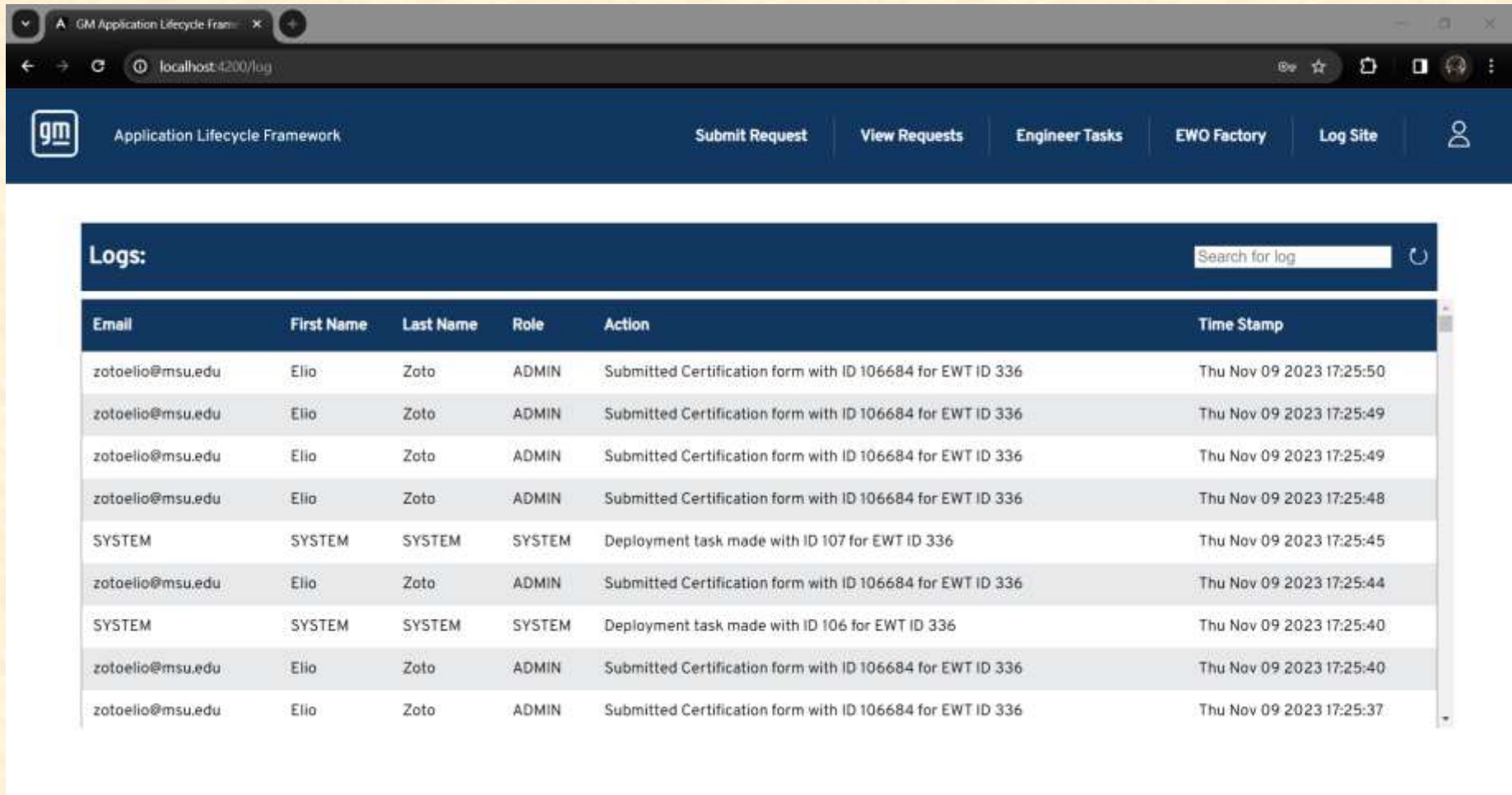
ID	EWO	Application Name	Setup End Date	Pilot End Date	Production End Date	P2P Page	Actions
227	2.0	BigFix	107396				requirements review, engineering, cross testing, UAT/NAT, certification
222	2.0		107390				requirements review, engineering, cross testing, UAT/NAT, certification
233	2.0	BigFix	107400				requirements review, engineering, cross testing, UAT/NAT, certification

The bottom section, titled "Deployment Tasks:", includes a search bar "Enter app name or ewo" and filters for "Active", "Past", and "All". Below this is a table with the following data:

ID	EWO	Application Name	Setup End Date	Pilot End Date	Production End Date	P2P Page	Actions
108		Rhapsody				P2P Page	Review
107		Rhapsody				P2P Page	Review
106		Rhapsody				P2P Page	Review
102		Reflection Desktop					Review
99		Gears				P2P Page	Review
88		Asset Manager				P2P Page	Review
91		Asset Manager				P2P Page	Review
84		Rhapsody				P2P Page	Review



Log Site



The screenshot shows a web browser window with the URL `localhost:4200/log`. The page header includes the GM logo and the text "Application Lifecycle Framework". Navigation links are provided for "Submit Request", "View Requests", "Engineer Tasks", "EWO Factory", and "Log Site".

The main content area is titled "Logs:" and features a search bar labeled "Search for log". Below the search bar is a table with the following data:

Email	First Name	Last Name	Role	Action	Time Stamp
zotoelio@msu.edu	Elio	Zoto	ADMIN	Submitted Certification form with ID 106684 for EWT ID 336	Thu Nov 09 2023 17:25:50
zotoelio@msu.edu	Elio	Zoto	ADMIN	Submitted Certification form with ID 106684 for EWT ID 336	Thu Nov 09 2023 17:25:49
zotoelio@msu.edu	Elio	Zoto	ADMIN	Submitted Certification form with ID 106684 for EWT ID 336	Thu Nov 09 2023 17:25:49
zotoelio@msu.edu	Elio	Zoto	ADMIN	Submitted Certification form with ID 106684 for EWT ID 336	Thu Nov 09 2023 17:25:48
SYSTEM	SYSTEM	SYSTEM	SYSTEM	Deployment task made with ID 107 for EWT ID 336	Thu Nov 09 2023 17:25:45
zotoelio@msu.edu	Elio	Zoto	ADMIN	Submitted Certification form with ID 106684 for EWT ID 336	Thu Nov 09 2023 17:25:44
SYSTEM	SYSTEM	SYSTEM	SYSTEM	Deployment task made with ID 106 for EWT ID 336	Thu Nov 09 2023 17:25:40
zotoelio@msu.edu	Elio	Zoto	ADMIN	Submitted Certification form with ID 106684 for EWT ID 336	Thu Nov 09 2023 17:25:40
zotoelio@msu.edu	Elio	Zoto	ADMIN	Submitted Certification form with ID 106684 for EWT ID 336	Thu Nov 09 2023 17:25:37



What's left to do?

- Features
- Stretch Goals
 - Search logs by form/EWT
 - Implement Hold button
 - Pages vs scrolling
 - Implement validation scripts
 - Enforcing order of EWT forms
 - Make referenced forms read-only
- Other Tasks
 - Ensure visual quality on other platforms and screens



Questions?

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